Minnesota Courts Integration Services

Case Notification Service

Version 2.0

September 11, 2006

Table of Contents

1. Preface

This document describes the Integration Services Case Notification service. It provides details on the set of messages that are published by this service.

See the document <u>Integration Services Technical Overview</u> for additional information on Integration Services.

2. Revision History

Revision Date	Person	Description
9/1/04	P. McNair	Created.
10/15/04	P. McNair	Updated, version 0.2
4/7/05	T. Buchholz	Updated, version 0.3
5/5/05	T. Buchholz	Updated, version 0.9
5/24/05	T. Buchholz	Updated, Version 1.0. Added CaseSecurity and CaseDetail notifications.
10/28/2005	T. Buchholz	Added performance issue note.
11/02/2005	T. Buchholz	Aligned with IS Tec. Overview document. Renamed from "Notifications.doc" to current name.
12/22/2005	T. Buchholz	Updated for CourtXML 2.0.0 Release
4/10/2006	T. Buchholz	Added Plea and Disposition AmendmentDeleted events. Updated Performance paragraph. Added subscription section.
5/4/2006	R. Gosewisch	Updated section '5.0 Subscription to Case Notification Messages' to add a reference to the 'Integration Access Rights to MNCIS Case Records' documentation.
6/2/2006	T. Buchholz	Add Subject Party. Add Message Warehouse section.
9/11/2006	T. Buchholz	Migrate to service version 2.

<u>Questions:</u> If you have questions, please contact Tim Buchholz or Linda Emeott, co-team leads of the Integration Team, in the Information Technology Department, Minnesota Supreme Court.
- Tim Buchholz, 651-297-7599, <u>tim.buchholz@courts.state.mn.us</u>
- Linda Emeott, 651-282-2063, <u>linda.emeott@courts.state.mn.us</u>

3. Access to the Case Notification Service

A consumer must be granted a specific right to use the Case Notification Service. Once this right has been granted, the information that is returned by the service is governed by the access rights the consumer has to MNCIS case records. Refer to the document called

'Integration Access Rights to MNCIS Case Records' (available on the Integration Services website – http://www.courts.state.mn.us/is) for an over of the process for requesting access to use court integration services.

4. Case Notification Service Overview

Case Notification messages are a general mechanism for business partners of the courts to have data delivered to their applications when specific events that affect MNCIS court cases occur. Case notification messages are not official court documents. A notification message will inform interested business partners that something has transpired that is considered a "checkpoint" in the processing of a court case. Each case notification message has a pre-defined list of events that will trigger its publication, and pre-defined content.

Case notification messages are meant to transmit data between two computer systems. Any user interaction, or processing, that needs to happen with the data after it is transmitted, such as screens, reports or email messages will need to be developed by those responsible for the receiving system.
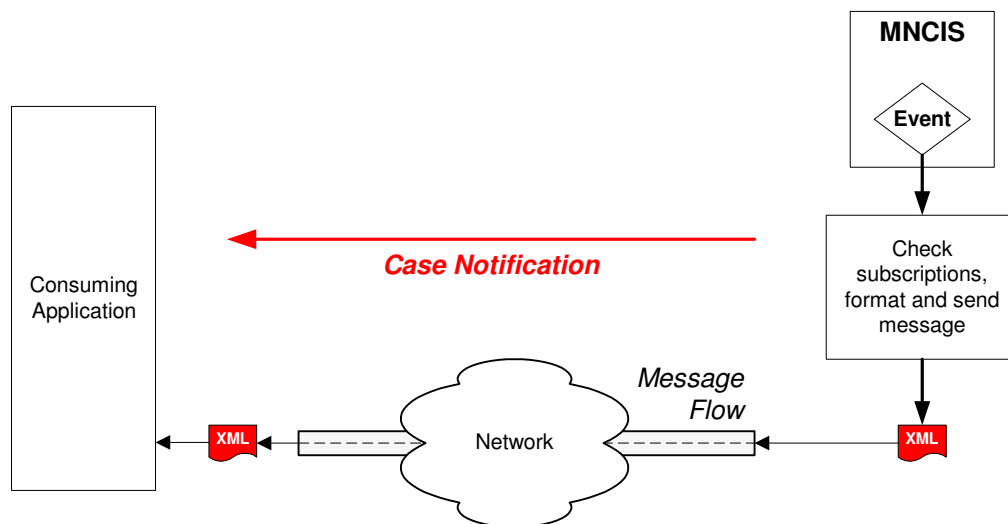

Figure 1: Event Notification Messages

4.1.   Performance Issue

Prior to the end of April 2006 the case notification service would fall behind the pace of user updates to MNCIS. This resulted in the delay of messages being distributed to subscribers. It generally wouldn't have finished publishing all of a days messages until early the next morning.   In April of 2006 enhancements were installed into the Odyssey

application that greatly improved on this performance. Since those enhancements were installed all messages are usually published by the end of the working day (5:00 to 5:30 depending on how late people are processing cases.   There are still some periods of time during the day where publishing falls behind (sometimes 10 to 30 minutes) but it usually is able to catch up later on.

4.2.   *Available Case Notification Messages*

The following list describes the set of case notification messages that are currently published:
- **Case Initiation**: This message is produced when court cases are initiated within the court case management system and a case number is assigned.   This message will include information on parties, charges and other case filing details, depending on the case type.
- **Case Detail**: This message is produced when elements of a base court case are added, modified or deleted. CourtCaseHeaderGroup is the container for the details of the base case record. It includes such elements as the court case number, title, and case assignment with details such as the court and judge who is assigned to the case.
- **Case Security**: This message is produced when a court case is deleted due to a data entry error, expunged or sealed due to a court order, or when a case that was previously non-confidential is made confidential.
- **Charge**: This message is produced when processing is completed on charges on adult criminal and juvenile cases prior to disposition. The processing includes adding charges (after initiation), modifying charges, amending charges, adding, amending or deleting pleas, and deleting charges.
- **Disposition**: This message is produced when processing is completed on charges on adult criminal and juvenile cases upon disposition, and when updates are made to the disposition. The processing includes modifying charges, amending charges, adding, amending or deleting pleas, adding, amending or deleting dispositions, and deleting charges.
- **Court Decisions**: This message is produced when processing is completed on court decisions. These include sentences for adult criminal cases, delinquency dispositions for juvenile delinquency cases, and judgments for family cases (including CHIPS Truancy, CHIPS Runaway and CHIPS < 10).
- **Interim Conditions**: This message is produced when a condition is placed on the subject of the case, prior to final disposition. The processing includes interim conditions ordered, modified, deleted or expired.
- **Juvenile Interim Placement**: This message is produced when a placement is ordered on a juvenile case prior to final disposition. The processing includes juvenile interim placements added, modified, deleted or expired.
- **Hearing**: This message is produced when processing is completed involving a hearing or trial on a case. This processing includes scheduling, rescheduling, canceling, continuing, modifying and providing information on the hearings that are held.

- **Warrant**: This message is produced when processing is completed involving a warrant on a case. This processing includes adding, issuing, modifying and inactivating and deleting warrants.
- **Subject Party**: This message is produced when processing is completed involving a subject party on a case. This processing includes; adding a new subject party or a new attorney or modifying existing subject party or attorney information on the case.

5. Case Notification Message Format

See the document <u>Integration Services Technical Overview</u> for more information on the general format for Integration Services messages.

5.1. SOAP Headers

The following are the soap headers that are included in case notification messages.

Header	Description	Required
wsa:MessageID	Contains a unique identifier for this given case notification message.	Yes
wsa:Action	Contains the URI associated with the case notification services notification messages. It value will be **http://www.courts.state.mn.us/IS/01/CaseNotification**	Yes
wsa:To	Contains the address that this notification message is being delivered to. This address was specified by the subscriber at the time the subscription was created.	Yes
wsse:Security/ wsse:UsernameToken	Contains information that will allow the receiver of a notification message to confirm that it came from the courts	Yes
wse:Identifier	Contains a unique identifier that corresponds to the subscription that is being served by the delivery of this case notification message. This identifier was assigned to the subscription when it was initially created.	Yes
wse:Expires	If the subscription that is being serviced by this notification message is set to expire, this header will contain the expiration date. There are 2 reasons that a subscription could be set to expire: - It is for a version of CourtXML that is not current and an expiration date for that version has been set. - An expiration date was specified when the subscription was created. When this date passes no more notification messages will be delivered based on this subscription. This is a mechanism to alert the consumer that their subscription is about to end.	No

5.2. Soap Body

The content of the soap body is the CaseNotification element. This element is defined by the CourtXML Schema, and is described below.

5.2.1. CaseNotification Element

The CaseNotification element has the following child nodes:
- An attribute named messageProducedDateTime which contains the date and time that this particular message was produced by the courts integration broker.
- An element named NotificationAdminHeader which contains some high level information about the case, such as case type, location and party identifiers.
- One or more of the specific case notification elements. These represent the specific case notification messages. Those that are included will depend on your subscription, and on the triggering events occurred within the source system that resulted in the publication of this message.

5.2.1.1. Specific Notification Elements

The following table describes the specific case event notification elements that could be produced as a part of a case event notification message:
- **Notification**: This column lists the notifications that were described in section 4.2.
- **CourtXML Element**: This column provides the name of the CourtXML element that contains the information for this specific notification. This name corresponds to an element that is a child of the CaseNotification element. Note: one CaseNotification message may contain multiple specific notification elements if the events that trigger those specific notifications occurred at the same time, and the subscription includes them.   An example is if multiple charges are amended prior to disposition, the body of the notification message would contain one CaseNotification element, which would in turn contain multiple ChargeNotification elements (one for each charge that was amended).
- **NotificationEvents**: This column lists the events that could trigger the production of a specific case notification message. There may be multiple events that occur at the same time.
- **Description**: This column describes the specific case notification. It provides information on why the notification is produced, its default content, and any additional information required to describe particular events.

Notification	CourtXML Element	Notification Events	Description
Case Initiation (Criminal Case Types)	CaseInitiationCriminalNotification	CaseInitiated	Publishes information about criminal cases when they are first created. Includes both adult and juvenile case types. This notification contains the following: • CourtCaseHeader • SubjectParties • Charge (for all charges created at initiation)
Case Initiation (Family CHIPS Runaway, Truancy and Delinquency under 10)	CaseInitiationFamilyNotification	CaseInitiated	Publishes information about family cases when they are first created. Currently only includes CHIPS Delinquency under 10, CHIPS Truancy and CHIPS Runaway. This notification contains the following: • CourtCaseHeader • SubjectParties
Case Detail	CourtCaseHeaderGroup and optionally a PriorCourtCase	CaseReassigned CaseAssignmentModified CaseNumberModified CaseTitleModified CaseFlagAdded CaseFlagDeleted	Publishes information about changes to the base court case record. If the change was to the case number the PriorCourtCaseNumber will be included to show the value from before the change.
Case Security	CourtCaseNumber	CaseExpunged CaseDeleted CaseSealed CaseMadeConfidential	Publishes changes to the security state of cases.
Charge	ChargeNotification	ChargeFiled * ChargeAmended ChargeModified ChargeDeleted PleaAdded PleaAmended PleaModified PleaDeleted	Publishes information about charges when they are added post-initiation, or if they are modified in any way. This notification only applies to criminal case types. This notification applies to all charges no matter what their state is, but can be filtered down based on the specific topic that is specified when subscribing. This notification contains the following: • Charge (the charge that was the subject of the event(s)) * The ChargeFiled notification event only occurs post initiation.

Notification	CourtXML Element	Notification Events	Description
Disposition	ChargeDispositionNotification	ChargeAmended ChargeModified ChargeDeleted PleaAdded PleaAmended PleaAmendmentDeleted PleaModified PleaDeleted DispositionAdded DispositionModified DispositionAmended DispositionAmendmentDeleted DispositionDeleted	Publishes information about charges and their dispositions when dispositions are added, or modified, or when charges that are disposed are modified in any way. This notification applies only to charges that have been disposed. This notification contains the following: ChargeDisposition (the charge disposition that was the subject of the event(s))
Court Decision	CourtDecisionNotification	CourtDecisionAdded CourtDecisionAmended CourtDecisionModified CourtDecisionDeleted CourtDecisionAmendmentDeleted	Publishes information about Trial Court Decisions. Court decisions consist of adult sentences in adult criminal court, delinquency dispositions in juvenile court and judgments in other lines of business. This notification contains the following: - AdultSentence (representing the sentence that was the subject of the event(s)) if the notification is for an adult criminal case. - DelinquencyDisposition (representing the sentence that was the subject of the event(s)) if the notification is for a delinquency case. - JuvenileNonMonetaryJudgment (CourtXML 1.0.0) (representing the judgment that was the subject of the event(s)) if the notification is for a CHIPS Delinquency < 10, CHIPS Runaway or CHIPS Truancy. - JuvenileJudgment (CourtXML 2.0.0 and above) (representing the judgment that was the subject of the event(s)) if the case is of type Parent Child Relationship. This notification is not yet supported for other case types.

Notification	CourtXML Element	Notification Events	Description
Juvenile Interim Placement	JuvenileInterimPlacementNotification	InterimPlacementAdded InterimPlacementModified InterimPlacementDeleted InterimPlacementExpired	Publishes information about interim placements for juveniles. This notification contains the following: • JuvenileInterimPlacement (representing the placement that was the subject of the event(s))
Hearing	HearingTrialSettingNotification	HearingScheduled SettingScheduled SettingRescheduled HearingCancelled SettingCancelled HearingDeleted SettingHeld SettingHeldReversed * SettingHeldModified **	Publishes information about Hearings and Trials. This notification contains the following: • HearingTrialSetting (representing the hearing or trial that was the subject of the event(s)) * The SettingHeldReversed event indicates that a setting was marked as being held, but that update was undone. ** The SettingHeldModified event indicates that a setting was marked as being held, but something about it has been modified at a later time.
Interim Conditions	InterimConditionsNotification	InterimConditionsAdded InterimConditionsModified InterimConditionsDeleted InterimConditionsExpired	Publishes information about interim conditions. This notification contains the following: • InterimConditionsOrder (representing the interim conditions that were the subject of the event(s))
Warrant (available with version 2.0.0)	WarrantNotification	WarrantIssued WarrantInactivated WarrantModified WarrantDeleted	Publishes information about warrants. This notification contains the following: • Warrant (representing the warrant that was the subject of the event(s))
Subject Party (available with version 2.0.0:3)	SubjectPartyNotification	SubjectPartyAdded SubjectPartyRemoved SubjectPartyNameAdded SubjectPartyNameModified AttorneyAdded AttorneyRemoved AttorneyDetailsModified	Publishes information about changes to a party's relationship to a court case.

6. Subscription to Case Notification Messages

Case Notification messages are produced for all MNCIS courts criminal and family court division.   Consumers of case notification messages can restrict the messages that they receive by specifying the following:

- Courts from which you wish to receive case notifications messages -- these correspond to the nodes defined within MNCIS/Odyssey. These may be restricted by satellite court locations as long as those subdivisions are defined as MNCIS/Odyssey nodes.
- Case Types for which you wish to receive case notification messages.
- Notification Types that you wish to receive.   These are defined in the table in section 5.2.1.1.

Currently, Integration personnel at the court will maintain your subscriptions for you. Eventually there may be a messaging and/or Web interface that will allow you to maintain your own subscriptions.

7. Message Warehouse

Messages, as they are processed, are logged into an application that we call our Message Warehouse.   Using the Message Warehouse we are able to look at messages that were processed and see the results of that processing.   This allows us to better troubleshoot issues and answer questions about why something happened the way it did.   It also allows us to recover messages that may have been lost. Messages are eventually purged from the Message Warehouse.